

WHAT IS CLAIMED IS:

1. An assembly for mounting a monitoring device on a license plate and a rear of a vehicle, wherein the license plate has a boundary and two first holes, and wherein the first holes has a first distance therebetween, the assembly comprising:

a frame having a shape substantially the same as the boundary of the license plate, wherein the frame has a second hole surrounding the monitoring device;

two extending pieces respectively having third holes, wherein the third holes have a second distance therebetween, and wherein the second distance is substantially the same as the first distance between the first holes of the license plate; and

two bolts for fixing the frame on the license plate through the third holes and the first holes.

2. The assembly as recited in claim 1, wherein the frame has a shape of a rectangular.

3. The assembly as recited in claim 1, wherein the frame has a shape of a bar.

4. The assembly as recited in claim 2, further comprising a first piece touching the rear of the vehicle.

5. The assembly as recited in claim 4, further comprising a second piece

between the frame and the first piece.

6. The assembly as recited in claim 5, further comprising a third piece between the first and the second pieces.

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7. The assembly as recited in claim 1, further comprising a cap on the second hole.

8. The assembly as recited in claim 1, wherein the frame is made of  
10 plastic coated with metal.

9. An assembly for mounting a monitoring device on a license plate of a vehicle, wherein the license plate has a boundary, the assembly comprising:  
a frame having a first hole surrounding the monitoring device;  
15 a device for fixing the frame on the license plate, thereby positioning the monitoring device on and adjacent to the boundary of the license plate; and  
a spacer between the first hole and the vehicle.

10. The assembly as recited in claim 9, wherein the spacer comprises a  
20 first piece touching the vehicle.

11. The assembly as recited in claim 10, wherein the spacer comprises a second piece between the frame and the first piece.

12. The assembly as recited in claim 11, wherein the spacer comprises a  
25 third piece between the first and the second pieces.

13. The assembly as recited in claim 12, further comprising a cap on the first hole.

5        14. The assembly as recited in claim 13, further comprising two extending pieces connected to the frame, wherein the extending pieces respectively have a tap hole.

15       15. The assembly as recited in claim 14, wherein the device comprises two bolts for fixing the frame on the license plate through the tap holes.

16. The assembly as recited in claim 15, wherein the frame, the first, second and third pieces and the extending pieces are made of the same material by a molding technology.

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17. An assembly for mounting a monitoring device on a license plate of a vehicle, wherein the license plate has a boundary and a gap thereon, and wherein the vehicle has a rear, the assembly comprising:

20       a frame having a first hole surrounding the monitoring device;  
a device for fixing the frame on the license plate to position the monitoring device in the gap of the license plate; and  
a spacer between the first hole and the rear of the vehicle.